

**APPENDIX A**

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FOR U.S. PATENT APPLICATION ENTITLED  
"SYSTEM AND METHODS FOR REMOTELY ACCESSING  
A SELECTED GROUP OF ITEMS OF INTEREST FROM A DATABASE"

00016325-00201

# FILE CODE \* 522978

FULL CODE LISTING FOR VERSION 0.3 OF IN\_VICINITY LOCATOR  
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```
Sub AboutCivix_Click ()  
    frmAbout.Show 1  
End Sub  
  
Sub cmbCategories_Click ()  
    cmdUpdate.Enabled = True  
End Sub  
  
Sub cmbHeadings_Click ()  
    If curHeadingStr <> cmbHeadings.Text Then  
        DeleteCategories  
        curHeadingStr = cmbHeadings.Text  
        GetHeadingIndex (curHeadingStr)  
        GetCategories (curHeadingIndex)  
        If NumberOfCategories > 0 Then  
            curCategoryStr = CategorySet!Category  
            GetCategoryIndex (curCategoryStr)  
            CategorySet.MoveFirst  
            For i = 1 To NumberOfCategories - 1  
                cmbCategories.AddItem CategorySet!Category  
                CategorySet.MoveNext  
            Next  
            cmbCategories.AddItem CategorySet!Category  
            cmbCategories.Text = cmbCategories.List(0)  
            cmdUpdate.Enabled = True  
        End If  
    End If  
End Sub  
  
Sub cmdUpdate_Click ()  
    If ItemNamesOn = True Then  
        TItemNamesOn = True  
        HideNames (NumberOfItems)  
    End If  
    HideItems
```

# Module 3 Test

```
curcategoryStr = cmbCategories.Text  
GetCategoryIndex (curCategoryStr)
```

```
Panel3D7.Caption = Cities(CurrentCityIndex).Name  
Panel3D9.Caption = Areas(CurrentLocation).Name  
Panel3D11.Caption = curCategoryStr  
cmdUpdate.Enabled = False  
ShowItems (curCategoryIndex)  
If itemNamesOn = True Then  
    ShowNames (NumberOfItems)  
End If  
lblPopItem.Visible = False  
End Sub
```

```
Sub cmdZoom_Click ()  
    lblPopCityArea.Visible = False  
    If zoomLevel = "City" Then 'zoom up to country map  
        If AreaNamesOn Then  
            HideNames (NumberOfAreas)  
        End If  
        HideAreas  
        ShowCities  
        picMain.Picture = picUSA.Picture  
        cmdZoom.Visible = False  
        Panel3D1.Visible = False  
        Panel3D4.Visible = True  
        lblUSCapCaption.Visible = False  
        Panel3D7.Caption = "None"  
        Panel3D9.Caption = "None"  
        Panel3D11.Caption = "None"  
        lblPopCityArea.Visible = False  
        zoomLevel = "Country"  
        HelpShowNames.Checked = False  
        If cityNamesOn Then  
            ShowNames (NumberOfCities)  
        End If  
    End If  
    If zoomLevel = "Location" Then 'zoom up to city map
```

```

If ItemNamesOn Then
    HideNames (NumberOfItems)
End If

PicMain.Picture = CityPicture.Picture
cmdZoom.Caption = "U.S. Map"
HideItems

ShowAreas      ' show the areas on the map
ZoomLevel = "City"
picPort.Visible = False
picMain.Visible = True
Panel3D3.Visible = False
cmbCategories.Visible = False
cmbHeadings.Visible = False
cmdUpdate.Visible = False
Panel3D2.Visible = False
lblUSMapCaption.Visible = True
p3DItemInfo.Visible = False
p3DStreetAddLbl.Visible = False
p3DStreetAdd.Visible = False
p3DPhoneLbl.Visible = False
p3DPhone.Visible = False
p3DFaxLbl.Visible = False
p3DFaxNumber.Visible = False
'P3DDescLbl.Visible = False
'P3DDescription.Visible = False
picsponsorAd.Visible = False

curCategoryStr = ""
Panel3D9.Caption = "None"
Panel3D11.Caption = "None"
HelpShowNames.Checked = False
If AreaNamesOn Then
    ShowNames (NumberOfAreas)
End If
End If
End Sub

Sub FileExit_Click ()
End

```

```

End Sub

Sub FilePrint_Click ()
    CMDialog1.CancelError = True
    On Error GoTo ErrHandler

    CMDialog1.Action = 5
    PrintForm

ErrHandler:
    Exit Sub
End Sub

Sub Form_Load ()
    ReDim Cities(1)

    'delivery only
    Set DB = OpenDatabase("civix.mdb")

    'development only
    Set DB = OpenDatabase("t:\client\civix\proto\current\civix.mdb")
    Set GlobalSet = DB.CreateDynaset("SELECT * from Globals")

    PortXPix = GlobalSet!PortPixelsX
    PortYPix = GlobalSet!PortPixelsY
    CityXPix = GlobalSet!CityPixelsX
    CityYPix = GlobalSet!CityPixelsY
    PortXGrid = GlobalSet![Port Width]
    PortYGrid = GlobalSet![Port Height]
    MsgBox "XP: " & PortXPix & "YP: " & PortYPix & "XG: " & PortXGrid & "YG: " & PortYGrid

    Set CitySet = DB.CreateDynaset("CitySet")
    Panel13D7.Caption = "None"
    Panel13D9.Caption = "None"
    Panel13D11.Caption = "None"
    GetNumberOfcities
    GetCities
End Sub

```

```

PixelsWide = Form1.PicMain.Width + 10
PixelsHigh = Form1.PicMain.Height + 15
ZoomLevel = "Country"
End Sub

Sub HelpShowNames_Click()
Select Case ZoomLevel
Case "Country"
    If CityNamesOn Then
        HideNames (NumberOfcities)
        CityNamesOn = False
    Else
        ShowNames (NumberOfcities)
        CityNamesOn = True
    End If
Case "City"
    If AreaNamesOn Then
        HideNames (NumberOfAreas)
        AreaNamesOn = False
    Else
        ShowNames (NumberOfAreas)
        AreaNamesOn = True
    End If
Case "Location"
    If ItemNamesOn Then
        HideNames (NumberOfItems)
        ItemNamesOn = False
    Else
        ShowNames (NumberOfItems)
        ItemNamesOn = True
    End If
End Select
End Sub

Sub HideNames (NumNames)
    HelpShowNames.Checked = False
    Select Case ZoomLevel

```

```

Case "Country"
    For i = 1 To NumNames
        Unload LabelName(i)
    Next
    Case "City"
        For i = 1 To NumNames
            Unload LabelName(i)
        Next
        Case "Location"
            For i = 1 To NumNames
                Unload LabelNameb(i)
            Next
        End Select
    End Sub

Sub MoveToAreaMap (Index As Integer)
    If CityNamesOn = True Then
        HideNames (NumberOfCities)
    End If
    PicCityPick(Index).BackColor = &H0&
    picUSA.Picture = PicMain.Picture
    CityBmpName = GetCityBmpName(Index)

    ' use the next line for delivery only
    ' picMain.Picture = LoadPicture(CityBmpName)

    ' use the next line during development only
    picMain.Picture = LoadPicture("t:\client\civix\proto\current\" &
        HideCities
        CurrentCityKey = Cities(Index).Key
        CurrentCityIndex = Index
        Panel3D7.Caption = Cities(Index).Name
        Panel3D9.Caption = "None"
        Panel3D11.Caption = "None"
        lblUSMapCaption.Visible = True
        ShowAreas
        cmdZoom.Caption = "U.S. Map"
        lblPopCityArea.Visible = False

```

```

lblPopItem.Visible = False
ZoomLevel = "City"
If AreaNamesOn = True Then
  ShowNames (NumberOfAreas)
End If

End Sub

Sub MoveToLocationMap (Index As Integer)
  If AreaNamesOn = True Then
    HideNames (NumberOfAreas)
  End If
  lblPopCityArea.Visible = False
  lblPopItem.Visible = False
  picCityPick(Index).BackColor = &HO&
  Form1.MousePointer = 1
  CityPicture.Picture = picMain.Picture

  AreaBmpName = GetAreaBmpName(Index)

  'use the next line for delivery only
  'picMain.Picture = LoadPicture(AreaBmpName)

  'use the next line during development only
  picPort.Picture =
    LoadPicture("t:\client\civix\proto\current\" &
               AreaBmpName)

  CurrentLocation = Index

  HideAreas
  lblUSMapCaption.Visible = False
  p3DItemInfo.Visible = True
  p3DStreetAddLbl.Visible = True
  p3DPhoneLbl.Visible = True
  p3DFaxLbl.Visible = True
  'p3DDescLbl.Visible = True
  picSponsorAd.Visible = True

  p3DStreetAdd.Visible = True

```

```

p3DPhone.Visible = True
p3DFaxNumber.Visible = True
p3DDescription.Visible = True

p3DStreetAdd.Caption = ""
p3DPhone.Caption = ""
p3DFaxNumber.Caption = ""
p3DDescription.Caption = ""
p3DItemInfo.Caption = "Item Data"

Panel13D2.Visible = True
Panel13D3.Visible = True
Panel13D5.Visible = True
cmdUpdate.Visible = True
picPort.Height = PortYPix
picPort.Width = PortXPix
picPort.Visible = True
picMain.Visible = False
cmbCategories.Visible = True
cmbCategories.Clear
cmbHeadings.Visible = True
cmbReadings.Clear
GetHeadings
If NumberOfHeadings > 0 Then
    HeadingsSet.MoveFirst
    For i = 1 To NumberOfHeadings - 1
        cmbHeadings.AddItem HeadingsSet!Heading
        HeadingsSet.MoveNext
    Next
    cmbHeadings.AddItemAtHeadingsSet!Heading
    curHeadingStr = cmbHeadings.List(0)
    cmbHeadings.Text = curHeadingStr
End If
GetHeadingIndex (curHeadingStr)
GetCategories (curHeadingIndex)
If NumberofCategories > 0 Then
    CategorySet.MoveFirst
    For i = 1 To NumberofCategories - 1
        cmbCategories.AddItem CategorySet!Category

```

CategorySet.MoveNext

Next

cmbCategories.AddItem CategorySet!Category  
cmbCategories.Text = cmbCategories.List(0)

CategorySet.MoveFirst

curCategoryStr = cmbCategories.Text

GetCategoryIndex (curCategoryStr)

ShowItems (curCategoryIndex)

End If

Panel3D7.Caption = Cities(CurrentCityIndex).Name

Panel3D9.Caption = Areas(CurrentLocation).Name  
Panel3D11.Caption = curCategoryStr

cmdZoom.Caption = Cities(CurrentCityIndex).Name &amp; " Map"

ZoomLevel = "Location"

If ItemNamesOn = True Then

ShowNames (NumberOfItems)

End If

End Sub

Sub picAreaPick\_Click (Index As Integer)  
MoveToLocationMap (Index)

End Sub

Sub picAreaPick\_GotFocus (Index As Integer)  
picAreaPick(Index).BackColor = &H0&  
If Not AreaNamesOn Then

lblPopCityArea.Caption = Areas(Index).Name

top1 = picAreaPick(Index).Top  
left1 = picAreaPick(Index).Left + 10  
If (left1 + lblPopCityArea.Width) > picMain.Width Then  
left1 = picMain.Width - lblPopCityArea.Width  
top1 = top1 - 20

End If

If top1 &lt; 0 Then

top1 = top1 + 10

End If

lblPopCityArea.Top = top1

```

top1 = top1 - 30
End If
If top1 < 0 Then
    top1 = top1 + 10
End If
lblPopCityArea.Top = top1
lblPopCityArea.Left = left1
lblPopCityArea.Visible = True
End If

End Sub

Sub picCityPick_KeyPress (Index As Integer, KeyAscii As Integer)
    If KeyAscii = 13 Or KeyAscii = 43 Then
        MoveToAreaMap (Index)
    End If
End Sub

Sub picCityPick_LostFocus (Index As Integer)
    picCityPick(Index).BackColor = &HFFFFFF
End Sub

Sub picCityPick_MouseMove (Index As Integer, Button As Integer,
                           Shift As Integer, X As Single, Y As
                           Single)
    Form1.MousePointer = 10
    picCityPick(Index).SetFocus
End Sub

Sub picItemPick_GotFocus (Index As Integer)
    picItemPick(Index).BackColor = &H0&
    If Not ItemNamesOn Then
        lblPopItem.Caption = Items(Index).Name
    End If
    top1 = picItemPick(Index).Top

```

```
left1 = picItemPick(Index).Left + 10
If (left1 + lblPopItem.Width) > picPort.Width Then
    left1 = picPort.Width - lblPopItem.Width
    top1 = top1 - 10
End If
If top1 < 0 Then
    top1 = top1 + 10
End If
lblPopItem.Top = top1
lblPopItem.Left = left1
lblPopItem.Visible = True
p3DStreetAdd.Caption = Items(Index).StreetAdd
p3DPhone.Caption = Items(Index).Phone
p3DFaxNumber.Caption = Items(Index).Fax
p3DDescription.Caption = Items(Index).Description
p3DItemInfo.Caption = "Item Data for " &
    Items(Index).Name
End If

End Sub

Sub picItemPick_LostFocus (Index As Integer)
    picItemPick(Index).BackColor = &HFFFFFFF
End Sub

Sub picItemPick_MouseMove (Index As Integer, Button As Integer,
    Shift As Integer, X As Single, Y As
    Single)
    Form1.MousePointer = 10
    picItemPick(Index).SetFocus
End Sub

Sub picMain_Click ()
    Beep
End Sub
```

```

Sub picMain_MouseMove (Button As Integer, Shift As Integer, X As
Single, Y As Single)
Form1.MousePointer = 1
End Sub

Sub picPort_Click ()
Beep
End Sub

Sub picPort_MouseMove (Button As Integer, Shift As Integer, X As
Single, Y As Single)
Form1.MousePointer = 1
End Sub

Sub ShowNames ( NumNames )
lblPopCityArea.Visible = False
lblPopItem.Visible = False
HelpShowNames.Checked = True

Select Case ZoomLevel
Case "Country"
For i = 1 To NumNames
Load LabelName(i)
LabelName(i).Caption = Cities(i).Name
top1 = picCityPic(i).Top
left1 = picCityPic(i).Left + 10
If top1 < 0 Then
top1 = top1 + 4
End If
LabelName(i).Top = top1
LabelName(i).Left = left1
LabelName(i).Visible = True
Next
Case "City"
For i = 1 To NumNames
Load LabelName(i)
LabelName(i).Caption = Areas(i).Name

```

```

top1 = picAreaPick(i).Top
left1 = picAreaPick(i).Left + 10
If top1 < 0 Then
    top1 = top1 + 4
End If
LabelName(i).Top = top1
LabelName(i).Left = left1
LabelName(i).Visible = True
Next
Case "Location"
For i = 1 To NumNames
    Load LabelNameb(i)
    LabelNameb(i).Caption = Items(i).Name
    top1 = picItemPick(i).Top
    left1 = picItemPick(i).Left + 10
    If top1 < 0 Then
        top1 = top1 + 4
    End If
    LabelNameb(i).Top = top1
    LabelNameb(i).Left = left1
    LabelNameb(i).Visible = True
Next
End Select
End Sub

```

```

Sub cmdAboutOK_Click ()
    frmAbout.Hide
End Sub

```

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of the software shall transfer to CIVIX  
upon payment as arranged.

```
Global NumberOfCities As Long
Global NumberOfAreas As Long
Global NumberOfItems As Long
Global NumberOfCategories As Long
Global NumberOfHeadings As Long
Global ZoomLevel As String
Global CitySet As Dynaset
Global AreaSet As Dynaset
Global ItemSet As Dynaset
Global CategorySet As Dynaset
Global HeadingsSet As Dynaset
Global GlobalSet As Dynaset

Global CurrentCityIndex As Long
Global CurrentLocation As Long
Global CurrentCityKey As Long
Global curCategoryStr As String
Global curCategoryIndex As Integer
Global curHeadingStr As String
Global curHeadingIndex As Integer
Global Dbo As Database
Type CityRecord
    Name As String
    MapName As String
    Key As Long
    XCoord As Long
    YCoord As Long
    MaxXGrid As Long
    MaxYGrid As Long
End Type
Type AreaRecord
    Name As String
```

```
MapName As String
XCoord As Long
YCoord As Long
End Type
Type ItemRecord
    Name As String
    StreetAdd As String
    Key As Long
    Category As String
    XCoord As Long
    YCoord As Long
    Directions As String
    Description As String
    Phone As String
    Fax As String
    OwnerManager As String
    Title As String
    OtherAddress As String
End Type
Global Cities() As CityRecord
Global Areas() As AreaRecord
Global Items() As ItemRecord
Global CityBmpName As String : bitmap for a city
Global AreaBmpName As String : bitmap for a intersectional point
Global CityNamesOn As Integer
Global AreaNamesOn As Integer
Global ItemNamesOn As Integer
Global PortXPix As Integer
Global PortYPix As Integer
Global CityXPix As Integer
Global CityYPix As Integer
Global PortXGrid As Integer
Global PortYGrid As Integer
Sub DeleteCategories()
    CategorySet.Close
    Form1.cmbCategories.Clear
End Sub
```

```

Function GetAreaBmpName (Index As Integer)

    GetAreaBmpName = Areas(Index) . MapName

End Function

Sub GetCategories (Key As Integer)

    Set CategorySet = Db.CreateDynaset("SELECT DISTINCT CATEGORIES.CATEGORY, CATEGORIES. INDEX FROM CATEGORIES
                                         WHERE (CATEGORIES.Heading = " & Key & ") WITH
                                         OWNERACCESS OPTION; ")

    If Not CategorySet.EOF Then
        CategorySet.MoveNext
        NumberOfCategories = CategorySet.RecordCount
        CategorySet.MoveFirst
        'MsgBox "Cats : " & NumberOfCategories
        Else
            MsgBox "No Items for this Heading!"
        End If
    End Sub

    Sub GetCategoryIndex (curCategoryStr As String)

        CategorySet.MoveFirst
        While Not CategorySet.EOF
            If CategorySet!Category = curCategoryStr Then
                curCategoryIndex = CategorySet!Index
            End If
            CategorySet.MoveNext
        Wend
    End Sub

    Sub GetCities ()

        Index = 1
        CitySet.MoveFirst

```

```

While Not CitySet.EOF
    Cities(Index).Key = CitySet!CityKey
    Cities(Index).Name = CitySet!Name
    Cities(Index).XCoord = CitySet!XCoord
    Cities(Index).YCoord = CitySet!YCoord
    Cities(Index).MaxXGrid = CitySet!MaxXGrid
    Cities(Index).MaxYGrid = CitySet!MaxYGrid
    Load Form1.picCityPick(Index)
    Form1.picCityPick(Index).Top = Cities(Index).YCoord
    Form1.picCityPick(Index).Left = Cities(Index).XCoord
    Form1.picCityPick(Index).Visible = True
    CitySet.MoveNext
    Index = Index + 1
Wend

End Sub

Function GetCityBmpName (Index As Integer)

GetCityBmpName = Cities(Index).MapName

End Function

Sub GetHeadingIndex (HeadingStr As String)

HeadingsSet.MoveFirst
While Not HeadingsSet.EOF
    If HeadingsSet!Heading = HeadingStr Then
        curHeadingIndex = HeadingsSet!Index
    End If
    HeadingsSet.MoveNext
Wend

End Sub

```

```
Sub GetHeadings ()  
  
    Set HeadingsSet = Db.CreateDynaset("SELECT DISTINCTROW  
        CatHeadings.Heading, CatHeadings.Index FROM CatHeadings  
        WITH OWNERACCESS OPTION;")  
  
    If Not HeadingsSet.EOF Then  
        HeadingsSet.MoveLast  
        NumberOfHeadings = HeadingsSet.RecordCount  
        HeadingsSet.MoveFirst  
        curHeadingStr = HeadingsSet!Heading  
  
    Else  
        MsgBox "No Headings!"  
    End If  
  
End Sub  
  
Sub GetNumberOfCities ()  
  
    If Not CitySet.EOF Then  
        CitySet.MoveLast  
        Numberofcities = CitySet.RecordCount  
  
    Else  
        MsgBox "No Cities, cannot continue"  
    End If  
    ReDim Cities(NumberOfcities)  
  
End Sub  
  
Sub HideAreas ()  
  
    If NumberOfAreas > 0 Then  
        For i = 1 To NumberOfAreas  
            Form1.picAreaPick(i).Visible = False  
        Next  
    End If  

```

```

End Sub

Sub HideCities ()
    Form1.cmdZoom.Visible = True
    Form1.Panel3D1.Visible = True
    Form1.Panel3D4.Visible = False
    For i = 1 To NumberofCities
        Form1.picCityPick(i).Visible = False
    Next
End Sub

Sub HideItems ()
    For i = 1 To NumberOfItems
        Unload Form1.picItemPick(i)
    Next
End Sub

ReDim Items(1)
NumberOfItems = 0
End Sub

Sub ShowAreas ()
    If NumberOfAreas > 0 Then
        For i = 1 To NumberOfAreas
            Unload Form1.picAreaPick(i)
        Next
        ReDim Areas(1)
        NumberOfAreas = 0
    End If
End Sub

Set AreaSet = Db.CreateDynaset("SELECT Locations.City,
    Locations.Name, Maps.FileName, Locations.LocationKey,
    GridCoord.XCoord, GridCoord.YCoord FROM Locations,
    Maps, GridCoord, Locations LEFT JOIN Maps ON
    Locations.MapName = Maps.Name, Locations LEFT JOIN
    GridCoord ON Locations.GridLoc = GridCoord.GridKey
    where city = " & CurrentCityKey & " WITH OWNERACCESS
    OPTION;")

```

```

If Not AreaSet.EOF Then
    AreaSet.MoveLast
    NumberOfAreas = AreaSet.RecordCount
Else
    Exit Sub
End If

ReDim Areas(NumberOfAreas)

Index = 1
AreaSet.MoveFirst
While Not AreaSet.EOF
    Areas(Index).MapName = AreaSet!FileName
    Areas(Index).Name = AreaSet!Name
    Areas(Index).XCoord = AreaSet!XCoord
    Areas(Index).YCoord = AreaSet!YCoord
    Load Form1.picAreaPick(Index)

    MsgBox "CityXPix: " & CityXPix & "   CityYPix: " &
           "CityYPix"

    MsgBox "CityMaxX: " & Cities(CurrentCityIndex).MaxXGrid
    & "   CityYMax: " &
           Cities(CurrentCityIndex).MaxYGrid

    MsgBox "X: " & Areas(Index).XCoord & "   Y: " &
           Areas(Index).YCoord

Form1.picAreaPick(Index).Left = CityXPix *
    (Areas(Index).XCoord /
     Cities(CurrentCityIndex).MaxXGrid)

Form1.picAreaPick(Index).Top = CityYPix *
    (Areas(Index).YCoord /
     Cities(CurrentCityIndex).MaxYGrid)

```

```

Form1.picAreaPick(Index).Visible = True
AreaSet.MoveNext
Index = Index + 1
Wend

End Sub

Sub ShowCities ()
    Form1.cmdZoom.Visible = False
    Form1.Panel3D1.Visible = False
    Form1.Panel3D4.Visible = True
    For i = 1 To NumberofCities
        Form1.picCityPick(i).Visible = True
        Form1.picCityPick(i).BackColor = &HFFFFFF
    Next

End Sub

Sub ShowItems (Key As Integer)
    MaxX = Areas(CurrentLocation).Xcoord + Int(.5 * PortXGrid)-1
    Minx = Areas(CurrentLocation).Xcoord - Int(.5 * PortXGrid)
    MaxY = Areas(CurrentLocation).Ycoord + Int(.5 * PortYGrid)-1
    MinY = Areas(CurrentLocation).Ycoord - Int(.5 * PortYGrid)

    Set ItemSet = Db.CreateDataSet("SELECT DISTINCTROW
        Items.Name, Items.Description, Items.Directions,
        Items.ItemKey, GridCoord.XCoord, GridCoord.YCoord,
        Items.StreetAdd, Items.Phone, Items.Fax,
        Items.OwnerManager, Items.Title, Items.OtherAddress,
        Categories.Index FROM Items, Categories, Cities,
        GridCoord, CatsForItems, Cities LEFT JOIN Items ON
        cities.CityKey = Items.CityKey, Items LEFT JOIN
        GridCoord ON Items.GridLoc = GridCoord.GridKey, Items
        LEFT JOIN CatsForItems ON Items.ItemKey =
        CatsForItems.ItemRef, CatsForItems LEFT JOIN Categories
        ON CatsForItems.CatRef = Categories.Index WHERE
        ")

```

```

((Cities.CityKey = " & CurrentCityKey & ") And
(Categories.Index = " & Key & ") And (GridCoord.XCoord
<= " & MaxX & ") And (GridCoord.XCoord >= " & MinX & ")
And (GridCoord.YCoord <= " & MaxY & ") And
(GridCoord.YCoord >= " & MinY & ") ) WITH OWNERACCESS
OPTION;" )

If Not ItemSet.EOF Then
  ItemSet.MoveLast
  NumberOfItems = ItemSet.RecordCount
  MsgBox " Items: " & NumberOfItems
Else
  'MsgBox "No Items for this category!"
  Exit Sub
End If

ReDim Items(NumberOfItems)

Index = 1
ItemSet.MoveFirst
While Not ItemSet.EOF
  Items(Index).Key = ItemSet!ItemKey
  Items(Index).Name = ItemSet!Name
  Items(Index).Description = ItemSet!Description
  Items(Index).Directions = ItemSet!Directions
  Items(Index).XCoord = ItemSet!XCoord
  Items(Index).YCoord = ItemSet!YCoord
  Items(Index).StreetAdd = ItemSet!StreetAdd
  Items(Index).Phone = ItemSet!Phone
  Items(Index).Fax = ItemSet!Fax
  Items(Index).OwnerManager = ItemSet!OwnerManager
  Items(Index).Title = ItemSet!Title
  Items(Index).OtherAddress = ItemSet!OtherAddress
  Load Form1.picItemPick(Index)

  Form1.picItemPick(Index).Top = Int(((Items(Index).YCoord
  - Areas(CurrentLocation).YCoord) / PortyGrid) +
  .5) * (PortyPix)
End If

```

```

Form1.picItemPick(Index).Left =
Int(((Items(Index).XCoord -
Areas(CurrentLocation).XCoord) / PortXGrid) + .5)
* (PortXPix))

MsgBox " Top : " & Form1.picItemPick(Index).Top &
Left: " & Form1.picItemPick(Index).Left

Form1.picItemPick(Index).Visible = True
ItemSet.MoveNext
Index = Index + 1
Wend

End Sub

Sub Timer1_Timer ()
Form1.Show 0
Splash.Hide
Timer1.Enabled = False
Unload Splash
End Sub

```